EVERY PERSON
DESERVES THE
CHANCE TO LIVE
A HEALTHY,
PRODUCTIVE LIFE
CHRONOS: PARTNERSHIP FOR OPEN ACCESS POLICY IMPLEMENTATION

COASPA
Progressive Roads to OA
September 16, 2015

Jennifer Hansen, Officer, Knowledge & Research
WHO WE ARE - OUR HISTORY

1994
Bill Gates Sr. starts a small philanthropic foundation at his son’s request.

1997
Bill and Melinda read an article about rotavirus and are inspired to act.

2000
The Bill & Melinda Gates Foundation is created, with a focus on health, education, and libraries.

2006
Warren Buffett pledges Berkshire Hathaway stock valued at $31 billion.

2008
Bill joins Melinda full-time at the foundation.

2011
The foundation moves to its new permanent home in Seattle.
OUR GLOBAL REACH AND PRESENCE

- 1500+ 2014 Active Grantees
- 2014 Grant Payments: $3.9B
- Foundation Trust Endowment: $42.9B
- 2015 Employees Worldwide: 1,376

Locations:
- Seattle
- Washington, D.C.
- China
- India
- Nigeria
- Ethiopia
- South Africa
- Europe and Middle East Office
OUR VALUES

OPTIMISM

COLLABORATION

RIGOR

INNOVATION
WHAT WE FOCUS ON

What are the areas of greatest need?

Where can we have the greatest impact?
WHAT WE DO

GLOBAL HEALTH

GLOBAL DEVELOPMENT

UNITED STATES PROGRAM

GLOBAL POLICY & ADVOCACY

COMMUNICATIONS
Since 2010, more than 40 states have adopted the Common Core State Standards, establishing a roadmap and clear expectations of learning for students, teachers, and parents.
Thanks to better seeds for farmers, new drugs, and greater access to vaccines for children, the percentage of people living in extreme poverty has dropped by half since 1990.
A combination of vaccines, malaria prevention, and improved healthcare for newborns helped reduce child mortality by more than 55 percent between 1990 and 2012.
The global effort to eradicate polio has cut the number of reported cases worldwide from 360,000 in 1988 to 362 in 2012.
Over the last 50 years, better seeds and farming techniques have saved a billion people from starvation and helped double food production.
WHY OPEN ACCESS?
SHARING INFORMATION ACCELERATES OUR IMPACT
November 2013: Foundation Staff Convene to develop a publication policy

May 2014: Executive Leadership Team Approves Open Access Policy

November 2014: Open Access Policy Public Announcement
**OPEN ACCESS POLICY*** – THE ELEMENTS

<table>
<thead>
<tr>
<th>ELEMENT 1</th>
<th>ELEMENT 2</th>
<th>ELEMENT 3</th>
<th>ELEMENT 4</th>
<th>ELEMENT 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISCOVERABLE AND ACCESSIBLE ONLINE</td>
<td>OPEN ACCESS TERMS</td>
<td>NO EMBARGO</td>
<td>UNDERLYING DATA</td>
<td>REASONABLE FEES</td>
</tr>
</tbody>
</table>

- Publications will be deposited in a specified repository(s) with proper tagging of metadata.
- All publications shall be published under the Creative Commons Attribution 4.0 Generic License (CC BY 4.0) or an equivalent license.
- All publications shall be available immediately upon their publication, without any embargo period.
- The foundation will require that data underlying the published research results be immediately accessible and open.
- The foundation will pay the reasonable fees in order to publish on the terms our Open Access Policy.

*As of January 1, 2015 our Open Access policy will be effective for all new agreements. The foundation is granting a two year transition period for policy compliance. As of January 1, 2017, all publications will be required to publish on our open access terms.
NUMBER OF ARTICLES PUBLISHED BY OUR RESEARCHERS

~1500
WHERE OUR RESEARCHERS PUBLISH

BioMed Central
Oxford University Press
PLOS
Wolters Kluwer
ACS
Wiley
Elsevier
American Society for Microbiology
MAKING THE POLICY COME ALIVE

Our Process
- Small project team
- Two year transition
- Stakeholder engagement

Implementation Principles
- Optimize the impact of the research we fund
- Minimize operational impact on foundation staff, grantees/researchers, and the publishers
Immediate Changes

- As of January 1, 2015, a non-negotiable open access clause is added to all grant agreements.
- Creation of a centralized budget to pay open access fees
Web-based platform that enables the Gates Foundation to track its peer-reviewed published research.
Chronos will connect and support all participants in complying with the Gates Foundation’s Open Access Policy:

• Gates Foundation staff
• Gates Foundation’s grantees and researchers
• Publishers

Chronos will deliver a seamless experience to users, which includes manuscript submission, payment management, data management, and reporting functions.
CHRONOS - BENEFITS

Gates Foundation

- Centralized process to report and measure its funded research.
- Ensure compliance with minimal operational burden and overhead.

Grantees & Researchers

- Authors receive clear guidance on how to comply with the policy.
- Individuals and institutions no longer required to manage APC payments.

Publishers

- Publishers have a consistent way of receiving payment for articles funded by the Gates Foundation.
## CHRONOS - GATES ADMIN VIEW

### Dashboard

Aliquam bibendum ex risus, eu volutpat ex venenatis vel. Morbi dapibus ligula vestibulum lacus ac arcu.

### Global search

Search publishers, journals, researchers, grants, articles and insights

What are you looking for?

Narrow down your search: All items

### Notifications

<table>
<thead>
<tr>
<th>Publisher</th>
<th>Journal</th>
<th>Articles</th>
</tr>
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<tbody>
<tr>
<td>Inderscience</td>
<td>Insight Publishers Ltd</td>
<td>Inderscience</td>
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- **Publishers awaiting approval**: 3
- **Journals awaiting approval**: 4
- **Articles awaiting approval**: 3

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<tr>
<th>Pending invoices</th>
<th>BMGF employees awaiting confirmation</th>
<th>Compliancy Issues</th>
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<tbody>
<tr>
<td>The American Physiological Society</td>
<td>Louis Warner</td>
<td>The American Physiological Society</td>
</tr>
<tr>
<td>Invoice amount: $ 2,000.00</td>
<td>Email: <a href="mailto:louis@gatesfoundation.com">louis@gatesfoundation.com</a></td>
<td>Invoice amount: $ 2,000.00</td>
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- **Pending invoices**: 2
- **BMGF employees awaiting confirmation**: 3
- **Compliancy Issues**: 2
### Article header
Emergence of airway smooth muscle mechanical behaviour through dynamic reorganisation of contractile units and force transmission pathways.

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Anticipated launch date of Chronos: July 1, 2016

Continued stakeholder engagement

- Educate our staff, grantees and researchers, and publishers about our policy
- Further discussions with publishers who publish Gates Foundation funded research about how to integrate with Chronos
CONTACT & INFORMATION

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• E-mail jennifer.hansen@gatesfoundation.org
• Open Access Policy
• E-mail OpenAccess@GatesFoundation.org
THE WORK IS COMPLICATED.
WHY WE DO IT IS NOT